

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No.: 10/589,173 Confirmation No.: 6867  
Applicant(s): Gentry *et al.*  
Filed: August 11, 2006  
Art Unit: 1632  
Examiner: Not yet assigned  
Title: STEM CELL POPULATIONS AND METHODS OF USE

Docket No.: 045331/314982  
Customer No.: 00826

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND PRELIMINARY AMENDMENT**  
**37 CFR § 1.115**

Sir:

Please enter this second Preliminary Amendment before calculating the claim fee and amend the above-identified application as follows:

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks** begin on page 3 of this paper.